Course Offering For Fall 2007: Physics 289

Big Bang,
Black Holes,
No Math

A BRIEF HISTORY OF TIME

There are no Prerequisites and the course will be taught by

Prof. David Toback
Center for Teaching Excellence Montague Scholar

Short Course Description: A Brief History of Time by Stephan Hawking is one of the most popular science books of our time and has captured the imagination of the public all over the world. However, there is a common complaint from most people who read it that they don’t really understand it. Somehow they are only able to barely taste the excitement of the understanding of the origins of the universe. This course is designed to give an intuitive understanding of these topics, without the mathematics, and de-mystify it for the non-scientist. In addition we will cover other exciting particle physics and cosmology topics that people read about in the popular press and wish they understood. A premium will be placed on the ability to understand and convey the excitement about science, cosmology and the physical universe. It is expected that this course will eventually satisfy the Tier 2 Core Course Curriculum requirement in the Natural Sciences. As such there are no pre-requisites in physics or mathematics.